

Title (en)  
A PIXEL HAVING A PLURALITY OF PINNED PHOTODIODES

Title (de)  
PIXEL MIT MEHREREN VERSTIFTETEN PHOTODIODEN

Title (fr)  
PIXEL AYANT UNE PLURALITÉ DE PHOTODIODES

Publication  
**EP 3082165 B1 20210728 (EN)**

Application  
**EP 15202569 A 20151223**

Priority  
• GB 201506569 A 20150417  
• US 201514972253 A 20151217

Abstract (en)  
[origin: EP3082165A1] A pixel comprises a plurality of photodiodes (44, 46), and at least one transfer gate (48, 50), the or each transfer gate being configured such that in use charge is transferred from each of the plurality of photodiodes to a common sense node (52, 54), such that charge from said plurality of photodiodes is combined at said common sense node.

IPC 8 full level  
**H01L 27/146** (2006.01)

CPC (source: EP)  
**H01L 27/14614** (2013.01); **H01L 27/1464** (2013.01); **H01L 27/14641** (2013.01)

Cited by  
US10128292B2; US10347680B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3082165 A1 20161019; EP 3082165 B1 20210728**

DOCDB simple family (application)  
**EP 15202569 A 20151223**